

Titles of Most Frequently Occurring Classifications of Patents Returned  
From A Search of 09977757 on February 04, 2003

11 219/400 (3 OR, 8 XR)

Class 219 : ELECTRIC HEATING

219/260 .Resistive element: igniter type

219/385 .Combined with container, enclosure, or support  
for material to be heated

219/391 ..Oven type

219/399 ...With heat energy transfer, distribution, or  
accumulator means

219/400 ....By convection

10 99/325 (1 OR, 9 XR)

Class 099 : FOODS AND BEVERAGES: APPARATUS

99/324 COOKING

99/325 .Automatic control

10 99/331 (2 OR, 8 XR)

Class 099 : FOODS AND BEVERAGES: APPARATUS

99/324 COOKING

99/325 .Automatic control

99/331 ..Of heat or heater

10 219/413 (1 OR, 9 XR)

Class 219 : ELECTRIC HEATING

219/260 .Resistive element: igniter type

219/385 .Combined with container, enclosure, or support  
for material to be heated

219/391 ..Oven type

219/412 ...With current or voltage control or  
regulating means

219/413 ....Automatically responsive to condition of  
heating area

9 426/523 (1 OR, 8 XR)

Class 426 : FOOD OR EDIBLE MATERIAL: PROCESSES,  
COMPOSITIONS, AND PRODUCTS

426/665 PROCESSES

426/520 .Heating above ambient temperature

426/523 ..Cooking, e.g., broiling, baking, etc.

7 99/443C (0 OR, 7 XR)

Class 099 : FOODS AND BEVERAGES: APPARATUS

99/324 COOKING  
99/443R .With conveyor or movably supported  
99/443C ..Conveyor

7 126/21A (4 OR, 3 XR)

Class 126 : STOVES AND FURNACES

126/99R HOT-AIR FURNACES

126/1R .Cooking

126/19R ..Ovens

126/21R ...Ventilated

126/21A ....Forced circulation

7 219/506 (1 OR, 6 XR)

Class 219 : ELECTRIC HEATING

219/260 .Resistive element: igniter type

219/482 .With power supply and voltage or current  
regulation or current control means

219/490 ..Automatic regulating or control means

219/506 ...With signal or indicating means

6 99/386 (0 OR, 6 XR)

Class 099 : FOODS AND BEVERAGES: APPARATUS

99/324 COOKING

99/385 .Slice toaster or broiler (e.g., grid types)

99/386 ..With conveyer

6 99/451 (0 OR, 6 XR)

Class 099 : FOODS AND BEVERAGES: APPARATUS

99/451 ELECTRIC, RADIANT OR VIBRATIONAL TREATING MEANS

6 219/388 (1 OR, 5 XR)

Class 219 : ELECTRIC HEATING

219/260 .Resistive element: igniter type

219/385 .Combined with container, enclosure, or support  
for material to be heated

219/388 ..With means whereby material to be heated may  
be passed continuously through heated area (e.g., conveyor)

6 219/411 (6 OR, 0 XR)

Class 219 : ELECTRIC HEATING

219/260 .Resistive element: igniter type

219/385 .Combined with container, enclosure, or support  
for material to be heated

- 219/391 ..Oven type
- 219/409 ...With heating unit structure or composition
- 219/411 ....With infrared generating means
- 5 99/443R (0 OR, 5 XR)
  - Class 099 : FOODS AND BEVERAGES: APPARATUS
  - 99/324 COOKING
  - 99/443R .With conveyor or movably supported
- 5 219/518 (0 OR, 5 XR)
  - Class 219 : ELECTRIC HEATING
  - 219/260 .Resistive element: igniter type
  - 219/507 .With current connection and/or disconnection means (e.g., switch)
  - 219/509 ..Automatically operated
  - 219/518 ...Responsive to weight, position, or presence of body to be heated
- 5 219/710 (1 OR, 4 XR)
  - Class 219 : ELECTRIC HEATING
  - 219/678 MICROWAVE HEATING
  - 219/702 .With control system
  - 219/704 ..Load condition sensor
  - 219/710 ...Temperature
- 5 219/720 (0 OR, 5 XR)
  - Class 219 : ELECTRIC HEATING
  - 219/678 MICROWAVE HEATING
  - 219/702 .With control system
  - 219/720 ..With display or alarm
- 5 426/243 (0 OR, 5 XR)
  - Class 426 : FOOD OR EDIBLE MATERIAL: PROCESSES, COMPOSITIONS, AND PRODUCTS
  - 426/237 DIRECT APPLICATION OF ELECTRICAL OR WAVE ENERGY TO FOOD MATERIAL
  - 426/241 .Heating by electromagnetic wave
  - 426/243 ..To cook
- 5 426/248 (0 OR, 5 XR)
  - Class 426 : FOOD OR EDIBLE MATERIAL: PROCESSES, COMPOSITIONS, AND PRODUCTS
  - 426/237 DIRECT APPLICATION OF ELECTRICAL OR WAVE ENERGY TO FOOD MATERIAL

- 426/248 .Treatment with ultraviolet or visible light
- 4 99/348 (1 OR, 3 XR)  
Class 099 : FOODS AND BEVERAGES: APPARATUS  
99/324 COOKING  
99/348 .With stirring
- 4 99/357 (0 OR, 4 XR)  
Class 099 : FOODS AND BEVERAGES: APPARATUS  
99/324 COOKING  
99/357 .Combined
- 4 99/468 (1 OR, 3 XR)  
Class 099 : FOODS AND BEVERAGES: APPARATUS  
99/467 SUBJECTING FOOD TO AN ENCLOSED MODIFIED  
ATMOSPHERE  
99/468 .Automatic control or time means
- 4 99/483 (0 OR, 4 XR)  
Class 099 : FOODS AND BEVERAGES: APPARATUS  
99/483 NON-COOKING HEAT TREATMENT OF FOOD
- 4 126/19R (1 OR, 3 XR)  
Class 126 : STOVES AND FURNACES  
126/99R HOT-AIR FURNACES  
126/1R .Cooking  
126/19R ..Ovens
- 4 219/492 (1 OR, 3 XR)  
Class 219 : ELECTRIC HEATING  
219/260 .Resistive element: igniter type  
219/482 .With power supply and voltage or current  
regulation or current control means  
219/490 ..Automatic regulating or control means  
219/492 ...Comprising timing or cycling means
- 4 219/708 (0 OR, 4 XR)  
Class 219 : ELECTRIC HEATING  
219/678 MICROWAVE HEATING  
219/702 .With control system  
219/704 ..Load condition sensor  
219/708 ...Weight
- 4 219/754 (2 OR, 2 XR)  
Class 219 : ELECTRIC HEATING

219/678 MICROWAVE HEATING  
219/745 .Field modification  
219/752 ..By load support movement  
219/754 ...Horizontal (e.g., turntable, etc.)

4 221/150A (0 OR, 4 XR)

Class 221 : ARTICLE DISPENSING  
221/135 WITH ARTICLE TREATMENT  
221/150R .With cooling or heating  
221/150A ..Heating

3 99/326 (1 OR, 2 XR)

Class 099 : FOODS AND BEVERAGES: APPARATUS  
99/324 COOKING  
99/325 .Automatic control  
99/326 ..Of heat and material

3 99/448 (0 OR, 3 XR)

Class 099 : FOODS AND BEVERAGES: APPARATUS  
99/324 COOKING  
99/448 .Plural food support

3 99/474 (0 OR, 3 XR)

Class 099 : FOODS AND BEVERAGES: APPARATUS  
99/467 SUBJECTING FOOD TO AN ENCLOSED MODIFIED  
ATMOSPHERE  
99/473 .Including means to influence movement of gas  
within enclosure  
99/474 ..By forcing gas to circulate

3 99/476 (0 OR, 3 XR)

Class 099 : FOODS AND BEVERAGES: APPARATUS  
99/467 SUBJECTING FOOD TO AN ENCLOSED MODIFIED  
ATMOSPHERE  
99/473 .Including means to influence movement of gas  
within enclosure  
99/474 ..By forcing gas to circulate  
99/476 ...Rotary pump

3 126/21R (0 OR, 3 XR)

Class 126 : STOVES AND FURNACES  
126/99R HOT-AIR FURNACES  
126/1R .Cooking  
126/19R ..Ovens  
126/21R ...Ventilated

3 126/273R (0 OR, 3 XR)

Class 126 : STOVES AND FURNACES

126/99R HOT-AIR FURNACES

126/273R .Domestic

3 219/396 (1 OR, 2 XR)

Class 219 : ELECTRIC HEATING

219/260 .Resistive element: igniter type

219/385 .Combined with container, enclosure, or support  
for material to be heated

219/391 ..Oven type

219/395 ...With plurality of separate heating units

219/396 ....Of diverse construction or functioning in  
diverse manners

3 219/398 (2 OR, 1 XR)

Class 219 : ELECTRIC HEATING

219/260 .Resistive element: igniter type

219/385 .Combined with container, enclosure, or support  
for material to be heated

219/391 ..Oven type

219/395 ...With plurality of separate heating units

219/398 ....Selectively energized

3 219/405 (0 OR, 3 XR)

Class 219 : ELECTRIC HEATING

219/260 .Resistive element: igniter type

219/385 .Combined with container, enclosure, or support  
for material to be heated

219/391 ..Oven type

219/402 ...With casing or support for heating unit or  
units

219/405 ....Including heat energy reflecting or  
directing means

3 219/407 (1 OR, 2 XR)

Class 219 : ELECTRIC HEATING

219/260 .Resistive element: igniter type

219/385 .Combined with container, enclosure, or support  
for material to be heated

219/391 ..Oven type

219/406 ...With resistance heating means surrounding  
heating area

219/407 ....Embedded within or between walls of  
container

3 219/679 (1 OR, 2 XR)

Class 219 : ELECTRIC HEATING

219/678 MICROWAVE HEATING

219/679 .With diverse device

3 219/707 (1 OR, 2 XR)

Class 219 : ELECTRIC HEATING

219/678 MICROWAVE HEATING

219/702 .With control system

219/704 ..Load condition sensor

219/707 ...Gas or vapor

3 219/711 (2 OR, 1 XR)

Class 219 : ELECTRIC HEATING

219/678 MICROWAVE HEATING

219/702 .With control system

219/704 ..Load condition sensor

219/710 ...Temperature

219/711 ....By infrared

3 221/150HC (2 OR, 1 XR)

Class 221 : ARTICLE DISPENSING

221/135 WITH ARTICLE TREATMENT

221/150R .With cooling or heating

221/150HC ..Heating and cooling combined

3 366/146 (0 OR, 3 XR)

Class 366 : AGITATING

366/144 WITH HEATING OR COOLING

366/146 .Electrical heating

3 366/314 (0 OR, 3 XR)

Class 366 : AGITATING

366/241 STIRRER WITHIN STATIONARY MIXING CHAMBER

366/279 .Rotatable stirrer

366/314 ..Mounted in mixing chamber bottom wall

3 426/107 (1 OR, 2 XR)

Class 426 : FOOD OR EDIBLE MATERIAL: PROCESSES,  
COMPOSITIONS, AND PRODUCTS

426/106 PACKAGED OR WRAPPED PRODUCT

426/107 .Having specific electrical or wave energy  
feature

2 34/216 (0 OR, 2 XR)

Class 034 : DRYING AND GAS OR VAPOR CONTACT WITH SOLIDS

- 34/523 APPARATUS
- 34/201 .Houses, kilns, and containers
- 34/209 ..Plural treating units or compartments
- 34/210 ...With gas or vapor circulation for contact  
with treated material
- 34/215 ....With heater
- 34/216 .....With conveyor and/or movable treated  
material support

2 99/327 (2 OR, 0 XR)

Class 099 : FOODS AND BEVERAGES: APPARATUS

- 99/324 COOKING
- 99/325 .Automatic control
- 99/326 ..Of heat and material
- 99/327 ...By time

2 99/328 (2 OR, 0 XR)

Class 099 : FOODS AND BEVERAGES: APPARATUS

- 99/324 COOKING
- 99/325 .Automatic control
- 99/326 ..Of heat and material
- 99/327 ...By time
- 99/328 ....And heat responsive means

2 99/334 (0 OR, 2 XR)

Class 099 : FOODS AND BEVERAGES: APPARATUS

- 99/324 COOKING
- 99/325 .Automatic control
- 99/334 ..Of material
- 99/335 ...By time

2 99/339 (1 OR, 1 XR)

Class 099 : FOODS AND BEVERAGES: APPARATUS

- 99/324 COOKING
- 99/339 .Diverse cooker types

2 99/340 (1 OR, 1 XR)

Class 099 : FOODS AND BEVERAGES: APPARATUS

- 99/324 COOKING
- 99/340 .Convertible

2 99/389 (0 OR, 2 XR)

Class 099 : FOODS AND BEVERAGES: APPARATUS



- 99/324 COOKING
- 99/385 .Slice toaster or broiler (e.g., grid types)
- 99/389 ..Opposed heater type
  
- 2 99/420 (0 OR, 2 XR)
  - Class 099 : FOODS AND BEVERAGES: APPARATUS
  - 99/324 COOKING
  - 99/419 .Spit or impaling type
  - 99/420 ..With conveyer
  
- 2 99/421H (2 OR, 0 XR)
  - Class 099 : FOODS AND BEVERAGES: APPARATUS
  - 99/324 COOKING
  - 99/419 .Spit or impaling type
  - 99/421R ..Movably or adjustably supported
  - 99/421H ...Horizontal axis
  
- 2 99/447 (0 OR, 2 XR)
  - Class 099 : FOODS AND BEVERAGES: APPARATUS
  - 99/324 COOKING
  - 99/447 .With heat distributor
  
- 2 99/516 (0 OR, 2 XR)
  - Class 099 : FOODS AND BEVERAGES: APPARATUS
  - 99/485 MEANS TO TREAT FOOD
  - 99/516 .By applying fluid
  
- 2 99/DIG 14 (0 OR, 2 XR)
  - Class 099 : FOODS AND BEVERAGES: APPARATUS
  - 99/DIG 14 Induction heating
  
- 2 126/39C (0 OR, 2 XR)
  - Class 126 : STOVES AND FURNACES
  - 126/99R HOT-AIR FURNACES
  - 126/1R .Cooking
  - 126/55 ..Combined base and hot closet
  - 126/39R ...Gas
  - 126/39C ....Miscellaneous ovens
  
- 2 219/386 (1 OR, 1 XR)
  - Class 219 : ELECTRIC HEATING
  - 219/260 .Resistive element: igniter type
  - 219/385 .Combined with container, enclosure, or support  
for material to be heated
  - 219/386 ..Portable or mobile

2 219/391 (0 OR, 2 XR)

Class 219 : ELECTRIC HEATING

219/260 .Resistive element: igniter type

219/385 .Combined with container, enclosure, or support  
for material to be heated

219/391 ..Oven type

2 219/393 (0 OR, 2 XR)

Class 219 : ELECTRIC HEATING

219/260 .Resistive element: igniter type

219/385 .Combined with container, enclosure, or support  
for material to be heated

219/391 ..Oven type

219/393 ...Oven performs plural diverse functions

2 219/399 (0 OR, 2 XR)

Class 219 : ELECTRIC HEATING

219/260 .Resistive element: igniter type

219/385 .Combined with container, enclosure, or support  
for material to be heated

219/391 ..Oven type

219/399 ...With heat energy transfer, distribution, or  
accumulator means

2 219/409 (0 OR, 2 XR)

Class 219 : ELECTRIC HEATING

219/260 .Resistive element: igniter type

219/385 .Combined with container, enclosure, or support  
for material to be heated

219/391 ..Oven type

219/409 ...With heating unit structure or composition

2 219/412 (0 OR, 2 XR)

Class 219 : ELECTRIC HEATING

219/260 .Resistive element: igniter type

219/385 .Combined with container, enclosure, or support  
for material to be heated

219/391 ..Oven type

219/412 ...With current or voltage control or  
regulating means

2 219/486 (0 OR, 2 XR)

Class 219 : ELECTRIC HEATING

219/260 .Resistive element: igniter type

- 219/482 .With power supply and voltage or current regulation or current control means
- 219/483 ..Controlling or regulating plural separate distinct heating resistance elements(i.e., one control system for all elements)
- 219/486 ...Selectively, sequentially or alternately
- 2 219/494 (1 OR, 1 XR)
  - Class 219 : ELECTRIC HEATING
  - 219/260 .Resistive element: igniter type
  - 219/482 .With power supply and voltage or current regulation or current control means
  - 219/490 ..Automatic regulating or control means
  - 219/494 ...Thermally responsive
- 2 219/495 (0 OR, 2 XR)
  - Class 219 : ELECTRIC HEATING
  - 219/260 .Resistive element: igniter type
  - 219/482 .With power supply and voltage or current regulation or current control means
  - 219/490 ..Automatic regulating or control means
  - 219/494 ...Thermally responsive
  - 219/495 ....Thermomagnetic
- 2 219/497 (2 OR, 0 XR)
  - Class 219 : ELECTRIC HEATING
  - 219/260 .Resistive element: igniter type
  - 219/482 .With power supply and voltage or current regulation or current control means
  - 219/490 ..Automatic regulating or control means
  - 219/497 ...Comprising voltage and/or current measuring and comparing or combining means
- 2 219/530 (0 OR, 2 XR)
  - Class 219 : ELECTRIC HEATING
  - 219/260 .Resistive element: igniter type
  - 219/520 .With heater-unit housing, casing, or support means (e.g., frame and single sheet)
  - 219/530 ..With heat storage or transfer means (vanes)
- 2 219/705 (2 OR, 0 XR)
  - Class 219 : ELECTRIC HEATING
  - 219/678 MICROWAVE HEATING
  - 219/702 .With control system

- 219/704 ..Load condition sensor
- 219/705 ...Plural diverse types
- 2 219/714 (0 OR, 2 XR)
  - Class 219 : ELECTRIC HEATING
  - 219/678 MICROWAVE HEATING
  - 219/702 .With control system
  - 219/714 ..Remote (e.g., card, etc.)
- 2 219/715 (0 OR, 2 XR)
  - Class 219 : ELECTRIC HEATING
  - 219/678 MICROWAVE HEATING
  - 219/702 .With control system
  - 219/715 ..Power switching
- 2 219/730 (1 OR, 1 XR)
  - Class 219 : ELECTRIC HEATING
  - 219/678 MICROWAVE HEATING
  - 219/725 .Cookware (e.g., vessel, utensil, etc.)
  - 219/730 ..With heat exchange (e.g., susceptor, etc.)
- 2 219/734 (0 OR, 2 XR)
  - Class 219 : ELECTRIC HEATING
  - 219/678 MICROWAVE HEATING
  - 219/725 .Cookware (e.g., vessel, utensil, etc.)
  - 219/734 ..With cover
- 2 264/42 (1 OR, 1 XR)
  - Class 264 : PLASTIC AND NONMETALLIC ARTICLE SHAPING OR TREATING: PROCESSES
  - 264/41 PORE FORMING IN SITU (E.G., FOAMING, ETC.)
  - 264/42 .Of inorganic materials
- 2 264/45.1 (0 OR, 2 XR)
  - Class 264 : PLASTIC AND NONMETALLIC ARTICLE SHAPING OR TREATING: PROCESSES
  - 264/41 PORE FORMING IN SITU (E.G., FOAMING, ETC.)
  - 264/45.1 .Composite article making
- 2 366/98 (0 OR, 2 XR)
  - Class 366 : AGITATING
  - 366/69 RUBBER OR HEAVY PLASTIC WORKING
  - 366/96 .Stationary mixing chamber
  - 366/97 ..With rotating stirrer
  - 366/98 ...Single stirrer

2 426/113 (0 OR, 2 XR)

Class 426 : FOOD OR EDIBLE MATERIAL: PROCESSES,  
COMPOSITIONS, AND PRODUCTS

426/106 PACKAGED OR WRAPPED PRODUCT

426/112 .Having consumer oriented diverse utility

426/113 ..For cooking or heating food

2 426/233 (2 OR, 0 XR)

Class 426 : FOOD OR EDIBLE MATERIAL: PROCESSES,  
COMPOSITIONS, AND PRODUCTS

426/231 MEASURING, TESTING, OR CONTROLLING BY INANIMATE  
MEANS

426/233 .Preparing solid product in final form by  
heating

2 426/241 (1 OR, 1 XR)

Class 426 : FOOD OR EDIBLE MATERIAL: PROCESSES,  
COMPOSITIONS, AND PRODUCTS

426/237 DIRECT APPLICATION OF ELECTRICAL OR WAVE ENERGY  
TO FOOD MATERIAL

426/241 .Heating by electromagnetic wave

2 426/496 (0 OR, 2 XR)

Class 426 : FOOD OR EDIBLE MATERIAL: PROCESSES,  
COMPOSITIONS, AND PRODUCTS

426/665 PROCESSES

426/496 .Treatment or preparation of farinaceous dough,  
batter, or pastry product, e.g., pie, etc.

2 426/506 (1 OR, 1 XR)

Class 426 : FOOD OR EDIBLE MATERIAL: PROCESSES,  
COMPOSITIONS, AND PRODUCTS

426/665 PROCESSES

426/506 .Treatment with aqueous material, e.g.,  
hydration, etc.

2 428/328 (0 OR, 2 XR)

Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES

428/221 WEB OR SHEET CONTAINING STRUCTURALLY DEFINED  
ELEMENT OR COMPONENT

428/323 .Including a second component containing  
structurally defined particles

428/328 ..Heavy metal or aluminum or compound thereof